

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
MECKLENBURG COUNTY**

**LOCATION: BRIDGE NO. 36 OVER IRVINS CREEK ON SR 3135  
(LEBANON ROAD)**

TIP NO. B-3677	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 5/3/09	
SEAL	

**T.I.P.: B-3677**

**CONTRACT: C201969**

**SUMMARY OF QUANTITIES**

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	127	L.F.
4102000000	904	SIGN ERECTION, TYPE E	7	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	9	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	2	EA.

**ROADWAY STANDARD DRAWING**

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

**GENERAL NOTES**

- . SIGNS FURNISHED BY STATE
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- . SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- . THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT TO THE N.C.D.O.T. FOR APPROVAL, DETAIL DRAWINGS OF LUMINAIRE RETRIEVAL SYSTEM MOUNTING ON OHS ASSEMBLY.
- . THE CONTRACTOR SHALL USE LUMINAIRE RETRIEVAL SYSTEM ON ALL OVERHEAD STRUCTURES. WALKWAY AND HANDRAIL IS NOT REQUIRED.
- . INSTALLATION OF LUMINAIRE RETRIEVAL SYSTEM SHALL ALLOW LUMINAIRE MAINTENANCE FROM THE SHOULDER WITHOUT THE NEED FOR LANE CLOSURE. THE DRIVE HANDLE OF THE LUMINAIRE RETRIEVAL SYSTEM SHALL BE LOCATED A MINIMUM OF 0.92M (3 ') FROM THE RIGHT EDGE OF THE SHOULDER AWAY FROM THE ROADWAY TRAFFIC.
- . THE CONTRACTOR SHALL ENSURE THAT COORDINATION IS ESTABLISHED BETWEEN THE OHS ASSEMBLY AND LUMINAIRE RETRIEVAL SYSTEM FABRICATORS SO THAT A FULLY FUNCTIONAL SIGN AND LIGHTING SYSTEM IS INSTALLED. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY OHS ASSEMBLY AND LUMINAIRE RETRIEVAL SYSTEM INCOMPATIBILITIES, OR INSTALLATION OF A LIGHTING SYSTEM NOT FUNCTIONING TO ITS INTENDED PURPOSE.
- . DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

**INDEX**

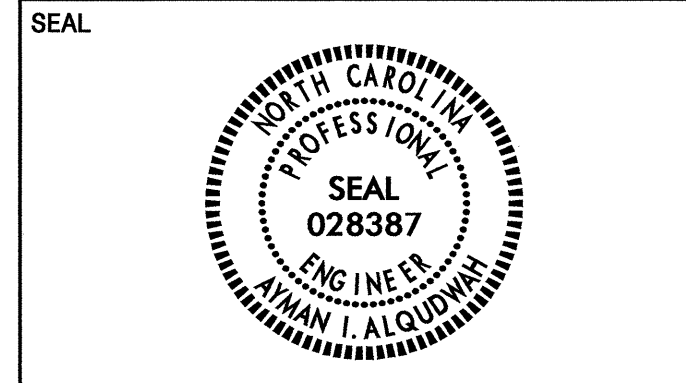
SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	E SHEETS
SIGN-3	SIGN DETAIL SHEET

**PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT**

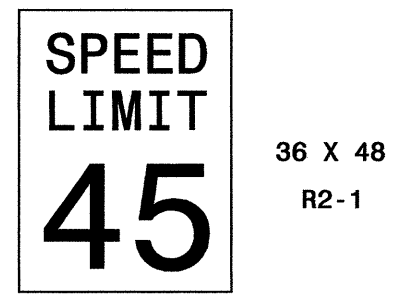
Ayman I Alqudwah, P.E. SIGNING & DELINEATION REGIONAL ENGINEER

Walter Johnson SIGNING & DELINEATION DESIGN ENGINEER

TIP NO. B-3677	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 4/28/09	

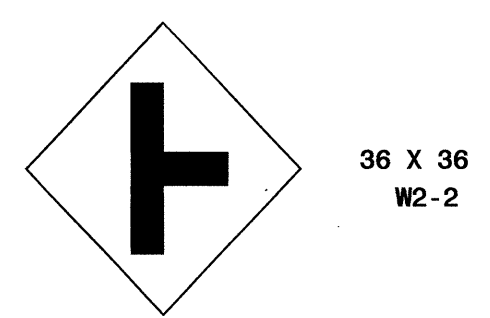


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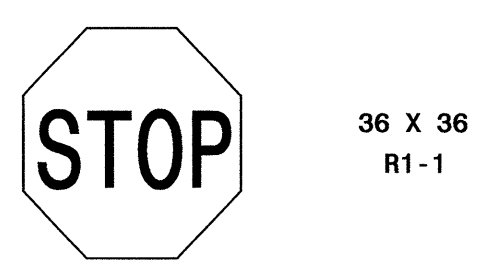
ONE "U" POST PER SIGN

402 QUANTITY REQ'D   1  



ONE "U" POST PER SIGN

403 QUANTITY REQ'D   1  

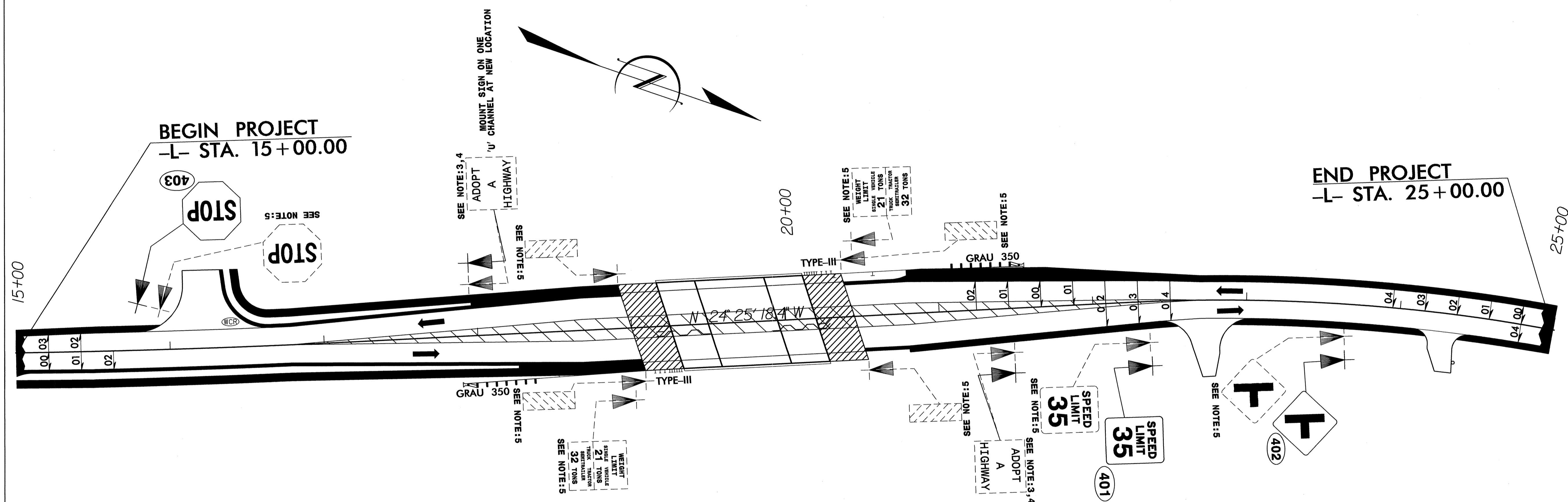


ONE "U" POST PER SIGN

**TYPE "E" SIGNS**

27-APR-2009 16:24  
 p:\tip\projects-b\3677\ref\c\signing\cadd\signing layout plans\b-3677.sgn.sgn-bridge.dgn  
 walter.johnson AT TE221737

TIP NO. B-3677	SHEET NO. SIGN-3
APPROVED: <i>[Signature]</i>	
DATE: 4/28/09	
SEAL	



1. IF THE BRIDGE IS OVER A MAJOR STREAM OR RIVER, A SIGN FOR THE NAME OF THE STREAM OR RIVER SHOULD BE INSTALLED AT EACH APPROACH. THESE DESIGNS WILL BE COMPLETED BY THE SIGNING UNIT UPON REQUEST.
2. SIGNS FURNISHED BY CONTRACTOR. BACKGROUND SHEETING SHALL BE GRADE C REFLECTIVE SHEETING.
3. RELOCATE SIGN, TYPE E
4. DISPOSAL OF SUPPORT, U-CHANNEL
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

**SIGN DETAIL SHEET**

27-APR-2009 16:25  
 p:\tippro\projects-b\3677\tr\signing\cadd\signing layout plans\b-3677-sgn-sgn-bridge.dgn  
 walter.johnson AT TE221737